

Seedling and adult reaction of entries of the 2004-05 Western Uniform Regional Nursery to selected isolates of *Puccinia triticina* (Dave Long and Jim Kolmer, Cereal Disease Laboratory).

WURWWN entry no.	Cultivar/line	Seedling reactions produced by Pt race*,**					Postulated genes
		KDBH	TCTD	TCRK	MFDS	Bulk	
1	BOUNDARY	;	;	;	;	;	+
2	FINLEY	;	;	;1c	;	;	+
3	KHARKOF	;	;	;3	;	;3	0
4	OR953475	;1c3	3	3	3;	3;	+
5	OR952577	;1c2	;1c3	;1c2	3	3;	+
6	OR2010399	3	;1c	3;	3	3;	24,+
7	IDO621	;1c	3-1c;	3	3	3	26,+
8	IDO639	;1c2	3	3	3	3;	26,+
9	IDO640	3-1c;	;	3	3	;1c3	+
10	IDO641	;1c2	3	3	3	3	1
11	UT950888	;1c2	3	3	3;	3	26,+
12	UT9508111	;1c2	3	3	3	3	26,+
13	W98-157	3;	3;	;1c3	3	3;	+
14	W98-263	;1c	;1c	;1c	;1c2	31c;	+
15	W98-344	;1c2	;	;1c2	;1c2	;1c2	+
16	BRUNDAGE96	;	;	;	;	;	+
17	CHUKAR	;	;	;	;	;	+
18	MADSEN	;	;	;	;	;	+
19	STEPHENS	;	;	;	;	;	+
20	OR9801757	;1c2	;1c3	3	3	3;	+
21	OR9901887	;1c	;	;1c	;1c	;2c3	+
22	ORH010918	;1c	3	;1c2	3	;3	+
23	ORH010920	;1c	3	3;	3	;3	+
24	ARS960749-2	;	;	;	;	;	+
25	ARS960491	;	;	;	;1c	;	+
26	ARS99165	;1c	;	;	;	;	+
27	ARS00154	;	;	;	;	;	+
28	ARS00258	;1c	;	;	;	;	+
29	ARS99123	;1c	;	;	;	;	+
30	ID95-32807A	;1c	;1c	;1c	3	31c;	24,26
31	ID94-10902A	3	;1c3	;1c3	3	3;1c	24,+
32	ID94-23607AD	;1c2	;1c3	;1c3	3	;3	24,26
33	OR9901619	;1c1	;1c2	;1c2	3	;1c3	24,26
34	OR2010239	;1c	;1c3	;1c3	3	;1c3	24,26
35	OR2010241	;1c1	;1c3	;1c3	3	3;	24,26
	WA007964	;1c	;1c2	;1c2	3;	3;	
	WA007960	;	;1c2	;1c2	3	31c;	24,26
	WA007963	;12	3	3	;	31c;	1,10,26
	WA007957	;	3;	3;	3	1c3;	24,26
	WA007952	;	3;	3;	3	;1c3	24,26
	OR4990115	;	;1c2	;1c2	2c;3	2c;	+

\* Single genes tested: = 1,2a,2c,3,3Ka,9,10,11,14a,16,17,18,24,26,30,B

\*\* Virulence formula:

KDBH = 2a,2c,3,10,18,24

TCTD = 1,2a,2c,3,3ka,11,14a,17,26,30

TCRK = 1,2a,2c,3,3ka,10,11,14a,18,26,30

MFDS = 1,3,10,14a,17,24,26,B

\*\*\* + = Lr gene(s) present but unable to identify with these Lr virulence combinations